

Work Order ID 140606***140606***

Page 1

Monday, January 11, 2016 8:03:24 AM

Item ID: D205-523-013

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Heli-Rappel™ 500 lbs, Fits LH or RH

Start Date: 1/11/2016 Start Qty: 4.00 ***4***

Cust Item ID:

Required Date: 1/11/2016 Req'd Qty: 4.00 ***4***

Customer:

Reference:

Approvals: Process Plan: ML5 Date: JAN 11 2016 Tooling: _____ Date: _____Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
DSI9301	Rev A

DAS
6
9-89

ML5 1601-11

100

Document Control

0.00

100

DOCUMENT CONTROL

DC

Memo

0.00

Doc.Control -USB or Paperwork

Photocopy blue file & type labels as per PPP D205-523-013, CHG 002

DAS
27
9-89

JAN 14 2016

110

Pick Kit

0.00

110

Packaging

Memo

0.00

Packaging

DAS
6
9-89

JAN 14 2016

DAS
28
9-89

120

QC4- 100% Inspect kits for completeness

0.00

120

QC

Memo

0.00

Quality Control

DAS
27
9-89

JAN 14 2016

Work Order ID 140606

Monday, January 11, 2016 8:03:24 AM

140606

Page 2

Item ID: D205-523-013

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: Heli-Rappel™ 500 lbs, Fits LH or RH

Stop

NS2

Start Date: 1/11/2016 Start Qty: 4.00

4

Cust Item ID:

Required Date: 1/11/2016 Req'd Qty: 4.00

4

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start

NR1

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Packaging	0.00				4		27	
130								9-89	
Packaging	Memo	0.00							
Packaging	Package as per PFP D205-523-013 Location : FG018	Identify and Stock							
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.01				ML5			
Quality Control									

JAN 14 2016

JAN 14 2016

JAN 14 2016

Picklist Print

Monday, January 11, 2016 8:03:28 AM

Page 1

Work Order ID: 140606

140606

Parent Item: D205-523-013

D205-523-013

Parent Item Name: Heli-Rappel™ 500 lbs, Fits LH or RH

Start Date: 1/11/2016

Required Date: 1/11/2016

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP B02.04.04 Updated Drawing and Added Inspection Level 21SM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D205-523-043		Manufactured	No			110	Each	0.0000	1	4			
D205-523-043									**	(37091)			DAS 6 28 9-89
Slide Bar Assembly													
D2224		Manufactured	No			110	Each	8.0000	1	4			
D2224									**				DAS 6 28 9-89
Rappel Anchor Assembly													
					<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>						DAS 6 28 9-89
					ST479	8							
					123383	6							
					126418	2							
D2229		Manufactured	No			110	Each	8.0000	2	8			
D2229									**				DAS 6 28 9-89
Doubler					<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>						DAS 6 28 9-89
					ST004	8							
					112921	8							
AN5-14A		Purchased	No			110	Each	38.0000	4	16			
AN5-14A									**				DAS 6 28 9-89
Bolt					<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>						DAS 6 28 9-89
					ST338	38							
					m132763	18							
					m133790	20							

Picklist Print

Monday, January 11, 2016 8:03:28 AM

Page 2

Work Order ID: 140606

140606

Parent Item: D205-523-013

D205-523-013

Parent Item Name: Heli-Rappel™ 500 lbs, Fits LH or RH

Start Date: 1/11/2016

Required Date: 1/11/2016

Start Qty: 4.00

Required Qty: 4.00

MS21042L5

Purchased

No

110

Each

440.0000

4

16

MS21042L5

Nut

DAS 28
6 9-89

Location

Loc Qty

Loc Code

GA

146

m127813

146

ST303

294

m133577

194

m133790

100

16

DAS 27 9-89 X4

NAS1149D0563J

Purchased

No

110

Each

1,122.000

8

32

NAS1149D0563J

Washer

133 577

DAS 28

DAS 6 9-89

Location

Loc Qty

Loc Code

GA

53

m125807

53

ST260a

400

m133769

400

ST263

534

m133363

334

m133938

200

ST269

135

m128257

135

32

DAS 27 9-89 X4

JAN 11 2016



DESIGN <i>CP</i>	DRAWN BY <i>CP</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>##</i>	APPROVED <i>##</i>	DRAWING NO. DSI 9301	REV. A SHEET 1 OF 1
DATE 05.05.11		TITLE RAPPEL ANCHOR INSTALLATION	SCALE NTS
A	05.05.11	NEW ISSUE	

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D205-523 REV. F

REF. CANADIAN STC: SH96-90 ISSUE 3

REF. FAA STC: SR00511NY, SR00512NY, SR00513NY

It has come to DART's attention that in general, AN5-13A bolts are a more suitable length for installation of the D2224 Rappel Anchor (ref) in place of the AN5-14A bolts referred to in D205-523 Rev.F.

It is acceptable to install the D2224 Rappel Anchor (ref) using longer or shorter AN5 bolts as needed to suit the thickness of the rotorcraft's ceiling panel. It is acceptable to use a light AN960JD516L washer under the head of the bolt instead of an AN960JD516 washer per D205-523 Rev. F. However, to preserve the structural integrity of the system, the washer under the MS21042L5 nut must remain an AN960JD516 washer.

For all cases, ensure the bolts properly secure the D2224 Rappel Anchor (ref) to the rotorcraft's ceiling and each bolt has at least 2 threads in safety.

SHOP COPY
RETURN TO
ENGINEERING
CONTROLLED COPY
FOR NOTICE
140606 MJS
1601-11

CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH DAO # 01-O-01	
APPROVED	
BY: <i>D. Shepherd</i>	D. SHEPHERD (DE # 02)
DATE: 05.05.11	
CERT. NO.: SH96-90	
ISSUE NO.: 3	

Copyright © 2005 by DART AEROSPACE LTD

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

CONFIDENTIAL ONLY


 27
 9-69

4. WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D205-523-013	3.5 lb 1.59 kg	±34.5 in ±0.876 m	±120.75 in-lb ±1.39 m-kg	116.8 in 2.97 m	408.8 in-lb 4.72 m-kg

5. PARTS LIST

-013	-043	Part No.	Description
X		D205-523-013	HELI-RAPPEL™ INSTALLATION
1	X	D205-523-043	SLIDE BAR ASSEMBLY
	1	D3011-1	RAPPEL SLIDE BAR
	2	33116	STUD FITTING
	2	MS21042L6	NUT (OR MS21042-6)
	2	AN960JD616	WASHER
	2	D3012-1	DECAL
	2	D3012-3	DECAL
	2	D3012-5	DECAL
1		D2224	RAPPEL ANCHOR
2		D2229	DOUBLER
4		AN5-14A	BOLT
8		AN960JD516	WASHER
4		MS21042L5	NUT (OR MS21042-5)